

DOCKET NO.: OR1-1224 (PRI-0004)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Cai et al.

Serial No.: 09/548,648

Group Art Unit: 1653

Filing Date: April 13, 2000

Examiner: P. Nolan

For: ENRICHED ANTIGEN-SPECIFIC T-CELLS AND RELATED  
THERAPEUTIC AND PROPHYLACTIC COMPOSITIONS AND  
METHODS

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09/26/02

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SEP 25 2002

TECH CENTER 1600/2900

CONFIRMATION NO.: 6532

EXPRESS MAIL LABEL NO.: EL 928560353 US  
DATE OF DEPOSIT: September 19, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

AMENDMENT/RESPONSE

This amendment is being submitted in response to the Office Action dated March 22, 2002, along with a request for a three-month extension of time and the appropriate extension fee. Please amend the above-identified patent application as follows:

IN THE CLAIMS:

Please amend claim 1 to read as follows:

1. (Three times amended) A method for the purification of antigen specific T cells, comprising:

- a) contacting a MHC class I protein-fluorescent protein fusion molecule or a radiolabeled MHC class I protein, bound to a specific antigen with a population of T cells;
- b) incubating the MHC class I protein bound to the specific antigen together with the population of T cells for a period of time sufficient for the T cells to internalize the MHC class I protein from the T cell surface; and

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DOCKET NO.: ORT-1224 (PRI-0004)

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

**In Re Application of:**

Cai et al.

**Confirmation No.:** 6532

**Serial No.:** 09/548,648

**Group Art Unit:** 1644

**Filing Date:** April 13, 2000

**Examiner:** P. Nolan

**For: ENRICHED ANTIGEN-SPECIFIC T-CELLS AND RELATED  
THERAPEUTIC AND PROPHYLACTIC COMPOSITIONS AND  
METHODS**

**EXPRESS MAIL LABEL NO:** EL 928560353 US

**DATE OF DEPOSIT:** September 19, 2002

**EL928560353US**

Box ☐ NON-FEE

☐ AF

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

**REPLY TRANSMITTAL LETTER**

Transmitted herewith for filing in the above-identified patent application is:

- ☐ A Preliminary Amendment.
- ☒ An Amendment Responsive to the Office Action Dated March 22, 2002.
- ☐ An Amendment Supplemental to the Paper filed \_\_\_\_\_.
- ☐ Other: \_\_\_\_\_.

- ☐ Applicant(s) has previously claimed small entity status under 37 CFR §1.27.
- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR §1.27 as:
- ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the U.S. Patent and Trademark Office.
- ☐ Loss of Entitlement Enclosed
- ☐ Substitute Pages \_\_\_\_\_ of the Specification are enclosed.
- ☐ An Abstract is enclosed.
- ☐ \_\_\_\_\_ Sheets of Proposed Corrected Drawings are enclosed.
- ☐ A Certified Copy of each of the following applications: \_\_\_\_\_  
\_\_\_\_\_ is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
- ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ Appended Material as follows: \_\_\_\_\_ .
- ☒ Other Material as follows: unexecuted Declaration and Power of Attorney .

## FEE CALCULATION

☐ No Additional Fee is Due.

				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	4	20 (20 MINIMUM)	0	\$9 EACH	\$	\$18 EACH	\$ 0
INDEP. CLAIMS	1	3 (3 MINIMUM)	0	\$42 EACH	\$	\$84 EACH	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$140	\$	\$280	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$200	\$	\$400	\$
<input checked="" type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$460	\$	\$920	\$920.00
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$720	\$	\$1440	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$980	\$	\$1960	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$ )	minus	(\$ )
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE							\$920.00

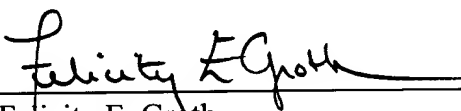
- ☒ A check is enclosed in the foregoing amount due.
- ☒ Petition is hereby made under 37 C.F.R. 1.136(a) (fees: 37 C.F.R. § 1.17(a)(1)-(4) to extend the time for response to the Office Action of **March 22, 2002** to and through **September 22, 2002** comprising an extension of the shortened statutory period of **three month(s)**.
- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified

application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.

- ☒ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to Deposit Account 23-3050. This sheet is provided in duplicate.
- ☐ The foregoing amount due for filing this paper.
- ☒ Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.
- ☒ Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the U.S. Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: September 19, 2002

  
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